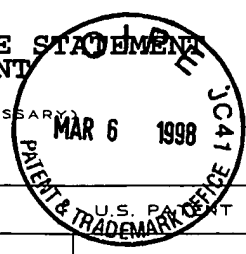


FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MASIMO.007C2		APPLICATION NO. 08/943,511	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(USE SEVERAL SHEETS IF NECESSARY)</small>				APPLICANT M. Diab et al.		RECEIVED GROUP 12 1996 Unknown GROUP 3300	
				FILING DATE October 6, 1997			



U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
SM		4 8 0 0 4 9 5	1/24/89	Smith					
SM		4 8 2 4 2 4 2	4/25/89	Frick et al.					
SM		4 8 6 3 2 6 5	9/5/89	Flower et al.					
SM		4 8 6 7 5 7 1	9/19/89	Frick et al.					
SM		4 8 9 2 1 0 1	1/9/90	Cheung et al.					
SM		4 9 0 7 5 9 4	3/13/90	Muz					
SM		4 9 1 1 1 6 7	3/27/90	Corenman et al.					
SM		4 9 2 8 6 9 2	5/29/90	Goodman et al.					
SM		4 9 5 5 3 7 9	9/11/90	Hall					
SM		5 0 5 7 6 9 5	10/15/91	Hirao et al.					

FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)									
SM SM SM SM SM	1.	Rabiner, Lawrence et al. <u>Theory and Application of Digital Signal Processing</u> , p. 260, 1975.							
	2.	Tremper, Kevin et al., <u>Advances in Oxygen Monitoring</u> , pp. 137-153, 1987.							
	3.	Harris, Fred et al., "Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters", Presented at International Conference on Signal Processing, Florence, Italy, Spet. 4-6, 1991, 6 pages.							
	4.	Haykin, Simon, <u>Adaptive Filter Theory</u> , Prentice Hall, Englewood Cliffs, NJ, 1985.							
	5.	Widrow, Bernard, <u>Adaptive Signal Processing</u> , Prentice Hall, Englewood Cliffs, NJ 1985.							

EXAMINER EL	DATE CONSIDERED 11/3/98
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*EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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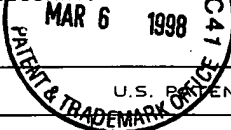
APPLICATION NO.

MASIMO.007C2

08/943,511

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APPLICANT

M. Diab et al.

FILING DATE

October 6, 1997

GROUP

Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
sn	5 2 7 3 0 3 6	12/28/93	Kronberg et al.			
sn	3 6 4 7 2 9 9	3/7/72	Lavallee			
sn	3 7 0 4 7 0 6	12/5/72	Herczfeld et al.			
sn	4 0 6 3 5 5 1	12/20/77	Sweeney			
sn	4 0 8 6 9 1 5	5/2/78	Kofsky et al.			
sn	4 0 9 5 1 1 7	6/13/78	Nagy			
sn	4 4 0 7 2 9 0	10/4/83	Wilber			
sn	4 5 3 7 2 0 0	8/27/85	Widrow			
sn	4 6 4 9 5 0 5	3/10/87	Zinser, Jr. et al.			
sn	4 7 7 3 4 2 2	9/27/88	Isaacson et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

6.	✓	Brown, David P., "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies", Master's thesis, University of Washington, 11/25/87, pp. 1-142.
7.	✓	Cohen, Arnon, "Volume I" Time and Frequency Domains Analysis", Biomedical Signal Processing, CRC Press, Inc., jBoca Raton, Florida, pp. 152-159.
8.	✓	Severinghaus, J.W., "Pulse Oximetry Uses and Limitations", pp. 1-4, ASA Convention, New Orleans, 1989.
9.	✓	Mook, G.A., et al., "Spectrophotometric determination of Oxygen saturation of blood independent of the presence of indocyanine green", Cardiovascular Research, Vol. 13, pp. 233-237, 1979.

EXAMINER

EL

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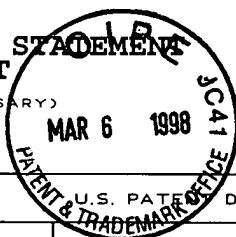
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APPLICANT

Diab et al.

FILING DATE

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SR	4 7 9 9 4 9 3	1/24/89	DeFault			
SR	4 8 4 8 9 0 1	7/18/89	Hood, Jr.			
SR	4 8 6 0 7 5 9	8/29/89	Kahn et al.			
SR	4 8 6 9 2 5 3	9/26/89	Craig, Jr. et al.			
SR	4 8 6 9 2 5 4	9/26/89	Stone et al.			
SR	4 8 8 3 3 5 3	11/28/89	Hausman			
SR	4 9 2 7 2 6 4	5/22/90	Shiga et al.			
SR	4 9 4 8 2 4 8	8/14/90	Lehman			
SR	4 9 5 6 8 6 7	9/11/90	Zurek et al.			
SR	5 4 5 8 1 2 8	10/95	Polanyi et al.			

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		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

SR	10.	Neuman, Michael R., "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations", Continuous Transcutaneous Monitoring, Plenum Press, New York, 1987, pp. 135-144.
SR	11.	Mook, G.A., et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation", Clinical Chemistry Acta, Vol. 26, pp. 170-173, 1969.
SR	12.	Klimasauskas, Casey, "Neural Nets and Noise Filtering", Dr. Dobb's Journal, January 1989, pg. 32.
SR	13.	Melnikof, S. "Neural Networks for Signal Processing: A Case Study", Dr. Dobbs Journal, January 1989. pg.36-37

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